

ABSTRACT

The present invention provides a stretchable collagen material, particularly collagen derived from fishes, having excellent stretching property and mechanical strength, which can be widely used as a cell carrier and medical material, and to a method for manufacturing the same. By thermally treating a gel comprising collagen fiber cross-linked by using cross-linking agent, the collagen enhanced in both stretching property and mechanical strength can be produced. The stretchable collagen material is extremely useful as a cell carrier material and medical material.